

# National Weather Service Pacific Region

“America’s No Surprise Weather  
Service”

Jeff Powell  
Satellite Focal  
Point  
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# Overview

- **Pacific Region  
Offices**
- **Responsibilities**

# Pacific Region Offices

DOC/NOAA Funded – Weather Offices

- Pacific Region Hqs - Honolulu HI
- CPHC WFO Honolulu HI - Honolulu HI
- WFO Tiyan Guam - Tiyan, Guam
- WSO Hilo HI - Hilo HI
- WSO Lihue HI - Lihue HI
- WSO Kahului HI - Kahului HI
- WSO Pago Pago Samoa - Pago Pago Am

# **Pacific Region Offices (continued)**

DOC/NOAA Funded – Tsunami Offices

- Pacific Tsunami Warning Center - Honolulu HI
- International Tsunami Information Center - Honolulu HI

# Pacific Region Offices (continued)

## Department of Interior Funded

- Compact of Freely Associated Nations
- US NWS through DOI provides weather support
- WSO Koror - Republic of Palau
- WSO Majuro - Republic of the Marshall Islands
- WSO Pohnpei - Federated States of Micronesia
- WSO Chuuk - Federated States of Micronesia

# **Honolulu Forecast Office**

## **Forecast Office Programs**

- **Hawaiian Public Forecasts and Warnings**
- **Area Aviation Forecast for Hawaii**
- **Area Marine Forecast for Hawaii**

# **Honolulu Forecast Office (continued)**

## **Regional Programs - Central Pacific Ocean**

- Central Pacific Hurricane Center  
Forecasts and Warnings
- National Marine Center High  
Seas Forecast
  - North and South Pacific
- National Aviation Center
  - 15 TAFs for airports throughout  
Pacific
  - and Advisories of Significant

# **Hawaiian Public Forecasts and Warnings**

## **County Warning Area**

**Hawaii County  
Hilo**

**WSO**

**City and County of Honolulu  
WFO Honolulu**

**Maui County  
Honolulu**

**WFO**

**Kauai**

**WSO Lihue**

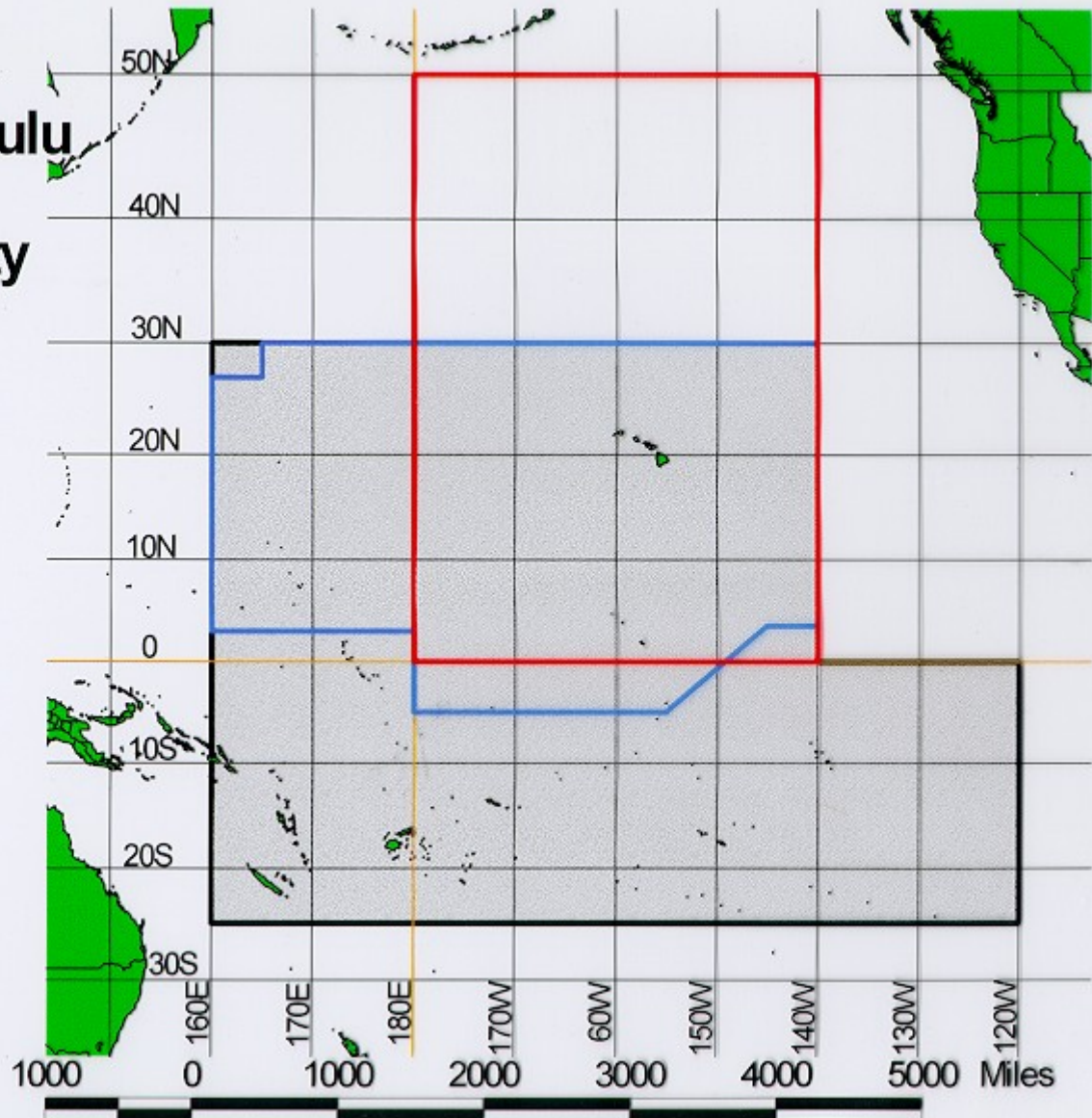


# WSFO Honolulu Areas of Responsibility

CPHC

Aviation  
SIGMET

High  
Seas



# **Hawaiian Public Forecasts and Warnings**

## **Broad Cross-Section of Weather**

- **Hurricanes**

- **Floods**

- **High  
Surf**

- **High  
Winds**

- **Funnel  
Clouds**

- **Tornadoes**

- **Thunderstor  
ms**

- **Winter  
Storms/**

# Honolulu Forecast Office (continued)

- **Satellites**
  - Geostationary
  - Polar Orbiters
  - Japanese
- **AWIPS**
- **ATCF**
- **Radio Facsimile**
- **4 Doppler Radars**
  - Kauai
  - Maui
  - Big Island (2)
- **NOAA Weather Radio**
- **Numerical Weather**

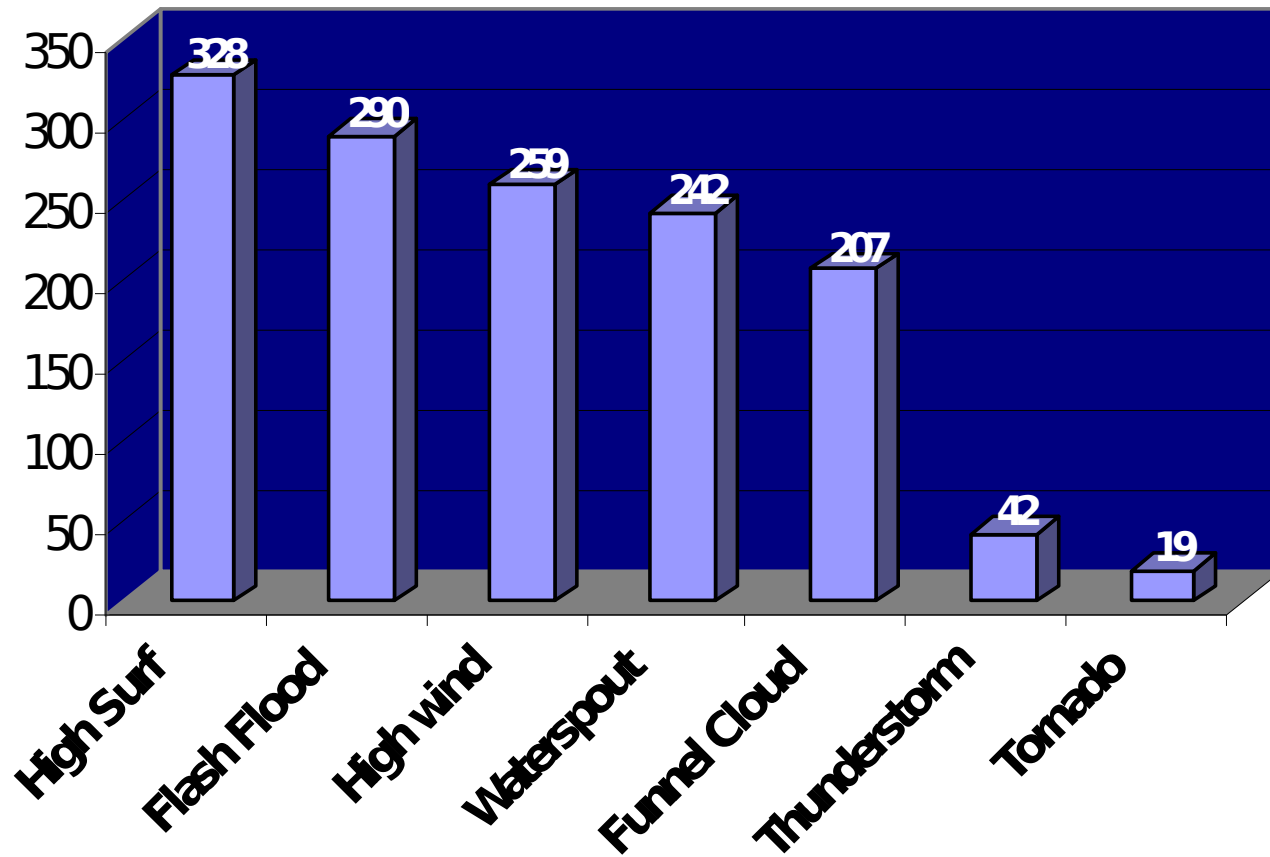
# HURRICANE CLIMATOLOGY FOR CENTRAL PACIFIC AREA

PERIOD 1961 THROUGH 1999

➤	TYPE					H	TS	TD	TC	H/TS				
➤	1961-1978					14	37	16	67	51				
➤	1979-1999					33	36	36	105	69				
➤	TOTALS					47	73	52	172	121				
➤	AVG/YR					1.2	1.9	1.3	4	3.1				
➤	PERCENT					27	43	30		70				
➤	TOTAL BY MONTH OF YEAR (1961 THROUGH 1998)													
➤	J	F	M	A	M	J	J	A	S	O	N	D	TOTAL	
➤	2*	0	1	1	0	0	45	69	34	17	2	1	172	
➤	1	0	1	1	0	0	26	40	20	10	1	1	PCT/TOTAL	

➤ \*Includes Sarah in 1971 which may have been extratropical

## Storm Events 1959 - 1998



# **Interagency Programs**

- **State and County Civil  
Defense**
- **University of Hawaii**
- **Military**
- **Pacific Disaster Center**
- **WMO Region V**
- **Japanese Meteorological  
Agency**